

## ELECTROSTATIC DISSIPATING GARMENTS AND FABRICS FOR USE IN MAKING SAME

### ABSTRACT

5           Electrostatic dissipating fabrics incorporating spun yarns which include  
conductive staple fiber constituents incorporated within the spun yarns, and a  
grid of electrically conductive filament yarns. The fabrics may be of either a  
woven or knit construction. The conductive fiber constituents are dispersed at  
an effective concentration to establish a network of charge carrying junctions  
10   within and between the individual yarns and between the conductive filament  
yarns. The large number of junctions between the yarns facilitates the  
dissipation of static electricity between regions of a garment formed by the  
yarns. In particular, the fabric retains a high degree of conductivity across  
seams within the garment even after multiple washings.

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